

The effects of radioiodine treatment on the occurrence of tooth cavities in patients with thyroid cancer

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	-

Summary

ID

NL-OMON29082

Source

Nationaal Trial Register

Brief title

N/A

Health condition

dental caries
radioiodine treatment (I131)
differentiated thyroid carcinoma (DTC)
salivary glands

Sponsors and support

Primary sponsor: T.P. Links, University Medical Center Groningen

Source(s) of monetary or material Support: This research is funded by an MD/PhD bench fee

Intervention

Outcome measures

Primary outcome

Incident dental caries lesions, extracted from the dental record (includes number of caries restorations, tooth extractions and documented carious lesions)

Secondary outcome

- Cumulative I131 dose
- Number of I131 therapies
- Xerostomia and oral hygiene questionnaire scores
- Unstimulated and chewing stimulated whole saliva flow rates and pH
- Site of carious lesions
- Dutch Periodontal Screening Index (DPSI) score.

Study description

Background summary

N/A

Study objective

N/A

Study design

Carious lesions will be scored from the dental record in the period of 4 years before DTC diagnosis until the last dentist visit.

The patient visits the outpatient clinic once for a study visit (this is at least 4 years after DTC diagnosis)

Intervention

Observational study.

Carious lesions will be scored from the dental record.

The patient visits the outpatient clinic once for a study visit. During this visit, the patient completes questionnaires, saliva is collected, and the teeth and the periodontium are inspected.

Contacts

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Scientific

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Eligibility criteria

Inclusion criteria

- age at time of the first I131 treatment is at least 26 years
- the patient is diagnosed with DTC at least 4 years ago
- the patient has been treated with I131
- the patient visits a dentist and is dentate at the time of I131 treatment
- the subject gives written informed consent for study participation

Exclusion criteria

- history of Sjögren's syndrome or other salivary gland disease affecting salivary gland function
- the patient switched dentist in the period of 4 years before and 4 years after the first radioiodine therapy, with no (complete) transfer of the dental record.

- the patient didn't visit his/her dentist in the in the period of 4 years before and 4 years after radioiodine therapy.
- the patient is mentally incapacitated

Study design

Design

Intervention model: Other

Control: N/A , unknown

Recruitment

NL

Recruitment status: Pending

Start date (anticipated): 01-03-2014

Enrollment: 100

Type: Anticipated

Ethics review

Not applicable

Application type: Not applicable

Study registrations

Followed up by the following (possibly more current) registration

ID: 50290

Bron: ToetsingOnline

Titel:

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL4112
NTR-old	NTR4353
CCMO	NL45875.042.13
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON50290

Study results

Summary results

N/A